

Video Gateway Features

Video Source and Video Capture

- Real-time video analysis from live video sources or digital files
- Viewcast Osprey video capture card or Microsoft Video for Windows compatible capture card support
- Optibase MovieMaker MPEG video capture card support
- Acceptable video file formats-AVI, MPEG-2, MPEG-1, Windows Media (asf, wmv), RealVideo (rm), QuickTime (mov)
- Frame-accurate VTR deck control through Sony RS-422 protocol

Video Encoding and Transcoding

- Simultaneous real-time encoding of multiple formats and multiple streams in MPEG, AVI, Windows Media, and RealNetworks
- Real-time transcoding of supported video streaming file formats

Video Logging and Analysis

- Intelligent scene change detection and keyframe image extraction
- Adaptive keyframe extraction with adjustable sensitivity
- Automatic scene change detection, fixed time interval, or manual keyframe extraction
- Visual storyboard for video browsing and video clip annotation
- Drag and drop keyframes from visual storyboard for video logging
- Closed caption text extraction from source video
- Frame-accurate video navigation
- Synchronized playback of video, closed caption text, speech text, and keyframes
- Optional speech recognition (Audio Gateway) and face recognition (Image Gateway) plug-in modules

Media Asset Management

- Hierarchical data structure to organize media assets into Library, Video, and Clip
- Video browsing in thumbnail, list, and detail views with visual storyboard, speech text, database attributes, and face information
- Video playback in native media players (MPEG, Windows Media, RealNetworks, Quicktime)

Database Support

- Built-in database
- ODBC-compliant database support (Oracle, Microsoft SQL, Microsoft Access, MySQL)
- End user customizable database schema for video and clip

Distribution

- Publish indexed video to Media Gateway Server
- Distributed architecture for distributed web server, database server, and video server
- FTP support for video streams and metadata distribution
- Export metadata in XML format

Developer Toolkit SDK

- Automation SDK to control Video Gateway from remote applications
- Metadata SDK to access Video Gateway database information
- XML export format support for service integration